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(54) **CONTROL CIRCUIT**

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See application file for complete search history.

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ABSTRACT

An icemaker control circuit may include an icemaker module and a DC motor. The icemaker module may include a control board that receives an AC power signal directly from an AC source that is external to the icemaker control circuit. The module may also include self-contained electronics and controls that allows icemaker operation without a need to interface to any signals other than AC power signal. The DC motor is provided for moving an output drive and is controlled by a DC output of the control circuit of the icemaker module in response to applying the AC signal to the icemaker module.

17 Claims, 20 Drawing Sheets

